

FOREST INSECT AND DISEASE MANAGEMENT UNIT
 U.S. FOREST SERVICE
 DORAVILLE, GEORGIA

REPORT OF AERIAL DETECTION SURVEY

LAND OWNERSHIP OR SURVEY AREA: Tombigbee National Forest

STATE: Mississippi

COUNTY:

AREA WITHIN SURVEY BOUNDARY: 81,900

DATE: 1/11-13/77

PERCENT COVERAGE: 50% AIRCRAFT: Cessna 182 CREW: R. F. Bassett
 C. W. Dull

SURVEY OBJECTIVES: The purpose of the current aerial survey was to determine the location of pine bark beetle activity on the Tombigbee National Forest.

SURVEY RESULTS

A total of 50 spots of red and fading pines were detected on three units of the Tombigbee National Forest. The number of spots and trees found on the aerial survey on each unit are summarized as follows:

UNIT	Singles	Infestation Size Class (# Spots & Trees)			
		2-5 Spots:Trees	6-20 Spots:Trees	21-50 Spots:Trees	50+ Spots:Trees
Tombigbee	0	12:40	7:75	2:75	2:275
Grenada	0	4:11	11:137	4:150	1:200
Trace	0	2:6	6:54	2:80	4:850

CONCLUSIONS

Results of this survey indicate that southern pine beetle activity may be increasing on the Tombigbee National Forest. A biological evaluation should be conducted as soon as possible to determine the probable course of the outbreak.

For any additional information, Contact:
 Forest Insect and Disease Management Unit
 Southeastern Area, State & Private Forestry
 3620 Interstate 85, N.E.
 Doraville, Georgia 30340
 Telephone 404-455-7705